**Capstone Project Submission**

**Instructions:**

i) Please fill in all the required information.

ii) Avoid grammatical errors.

| **Team Member’s Name, Email and Contribution:** |
| --- |
| Name: Anas Malik  Email: anasmalik081@gmail.com  Project Contribution:   * Contributed in Notebook, connect drive data to notebook. * Data Analyzing * Data Wrangling - Handled Null Values * Data Visualization * Prepared PPT * Prepared Technical Documentation |
| **Please paste the GitHub Repo link.** |
| Github Link:- https://github.com/anasmalik081/Airbnb\_bookings\_analysis-EDA-.git |
| **Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)** |
| Airbnb is an American Company since 2008, it is an online marketplace that connects people who want to rent out their homes with people who are looking for accommodations in specific locales.  I have the dataset from Airbnb in New York City. New York is one of the most expensive cities to live in the USA. I loved this project because it gave me an opportunity to analyze in-depth on one the most densely populated cities in the world. The dataset contains id, name, host\_id, host\_name, neighbourhood\_group, neighborhood, latitude, longitude, room\_type, price , minimum\_nights, number\_of\_reviews, last\_review, reviews\_per\_month, calculated\_host\_listings\_count and availaibility\_365. Among these, I tried to get the information like which place is most expensive to live in, what type of rooms people prefer to stay in, which hosts have the highest listings.  While taking care of the null values, I performed various tasks to achieve answers for the required questions. I created a copy of the dataframe so that changes should not reflect inside the main dataframe. I analyzed the data and can conclude that Manhattan, Brooklyn and Queens are the most expensive areas in New York. People tend to prefer Entire home/apt and private rooms. Most of the people prefer to go with the cheaper prices but still they do not prefer shared rooms. |